

Title (en)  
OPTICAL DATA RECORDAL

Title (de)  
OPTISCHE AUFZEICHNUNG VON DATEN

Title (fr)  
ENREGISTREMENT DE DONNEES OPTIQUE

Publication  
**EP 0717679 A1 19960626 (EN)**

Application  
**EP 94926304 A 19940912**

Priority  
• GB 9401984 W 19940912  
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Abstract (en)  
[origin: WO9507184A1] A laser beam (2) emitted from a stripe-shaped area of a laser diode (1) is expanded in its low divergence axis to match the length of a modulator (5) which individually modulates different regions of the beam (2) to produce a plurality of individually modulated beam portions (6) which are focused by a lens (8) onto a recording medium, such as dye and receiver sheets (9, 10), to effect data recordal. By splitting the beam (2) in its low divergence axis, resolution problems are reduced, and a number of, for example, printed pixels can be produced simultaneously. The modulator may be a row of LCD cells, an acousto-optic modulator, or a row of micromirrors.

IPC 1-7  
**B41J 2/48**; **G11B 7/14**; **G11B 7/125**

IPC 8 full level  
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CPC (source: EP US)  
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